**Index of Claims** 



Application/Control No.

10/002,566

Examiner

Akiba K. Robinson-Boyce

Applicant(s)/Patent under Reexamination

WEAVER ET AL.

**Art Unit** 

3639

| √ | Rejected |
|---|----------|
| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla                 | im       | Date        |          |          |          |              |          |          |          | 1  | Claim |          |          |          | Date     |          |    |          |  |               |          |
|---------------------|----------|-------------|----------|----------|----------|--------------|----------|----------|----------|--|-------|----------|----------|----------|----------|----------|----|----------|--|---------------|----------|
| Final               | Original | 2/16/06     |          |          |          |              |          |          |          |  |       | Finat    | Original |          |          |          |    |          |  |               |          |
|                     | 1        | W           | $\vdash$ | $\vdash$ | $\vdash$ |              |          | t        | -        | $\vdash$   | 1     |          | 51       | -        |          | -        | ┝  |          | ┢╌   | ┝             | t        |
|                     | 2 ·      | X           | -        | _        | ┪        | $\vdash$     | 1        | $\vdash$ | H        | 1  | 1     |          | 52       |          |          |          |    | 1-       | ╁  | ┼-            | 十        |
|                     | 3        | M           |          |          | Г        |              | t        |          | $\vdash$ | Т  | 1     |          | 53       |          | -        | <u> </u> | -  |          | Т  | ┢             | t        |
|                     | 4        | W           | _        |          | T        | Г            | ┢        | Τ        | T        | <del>                                     </del> | 1     |          | 54       |          |          |          |    |          |  | T             | T        |
|                     | 5        | 12          |          | П        | П        |              | Ī        |          |          |  | 1     |          | 55       |          |          | Г        |    |          | ऻ  |               | T        |
|                     | 6        | V           | <u> </u> | П        |          | Ì            |          |          | Π        |  | 1     |          | 56       |          |          |          |    | Т        | T  |               | T        |
|                     | 7        | V           |          |          |          |              |          |          |          | Г  | 1     |          | 57       |          |          |          |    |          |  |               | Γ        |
|                     | 8        | ノ           |          |          |          |              |          |          |          | L  | ]     |          | 58       |          |          | Г        |    |          | Π  |               | Γ        |
|                     | 9        | <u>ب</u>    | N        |          |          |              |          |          |          |  | ]     |          | 59       |          |          |          |    |          |  |               | Γ        |
|                     | 10       | ~           | _        | L        | <u> </u> | $oxed{oxed}$ |          |          |          |  |       |          | 60       |          |          |          |    |          |  |               | Γ        |
|                     | 11       | レ           | _        | L        | L        | _            | 乚        | L        |          |  |       |          | 61       |          |          |          |    | _        |  |               |          |
|                     | 12       | $\subseteq$ | _        |          |          | <u>L</u>     |          | <u> </u> |          |  | 1     |          | 62       |          |          |          | L  |          | L  | Ĺ             |          |
| <u> </u>            | 13       | $\leq$      | _        |          | L        | 匚            | Щ        | <u> </u> | _        | L.   | 1     |          | 63       | Ш        |          |          | _  | L        | _  |               | L        |
|                     | 14       | N           | _        | _        | 匚        | L            |          |          |          | <u> </u>   | 1     |          | 64       |          |          |          |    |          | L  |               | L        |
|                     | 15       |             |          |          | L        | L            | L        | ┖        | _        | ᆫ  | 1     | <u> </u> | 65       | Ш        |          |          |    |          | L  | _             | L        |
|                     | 16       |             |          |          |          | <u> </u>     |          |          |          | _  |       |          | 66       | Щ        |          |          | L  | <u>L</u> | <u> </u>   | _             | L        |
|                     | 17       |             |          | _        | Ш        | _            | _        | _        | L        | <u> </u>   |       |          | 67       |          |          |          |    | L        | <u> </u>   |               | L        |
| $\vdash$            | 18       | _           |          |          | L        | <u>L</u>     | <u> </u> | L.       | _        | <u> </u>   | -     |          | 68       | Щ        |          |          |    |          | ļ  |               | L        |
|                     | 19       | _           |          | <u> </u> | _        | <u> </u>     | <u> </u> | L        |          | <u> </u>   |       |          | 69       | Ш        |          | _        | L. | L        | <u> </u>   |               | L        |
| ļ                   | 20       | <u> </u>    |          | <u> </u> | <u> </u> | _            | _        |          | L.       | <u> </u>   |       |          | 70       |          |          |          |    |          | L.   | <u> </u>      | L        |
| $\vdash$            | 21       |             |          |          | _        | _            | ļ        | <u> </u> | ╙        | <u> </u>   |       |          | 71       |          |          |          |    | _        |  | _             | L        |
| -                   | 22       | -           | _        | <u> </u> | _        |              |          | <b> </b> | L        | <u> </u>   |       |          | 72       | _        |          |          | _  | <u> </u> | ┞  | ╙             | L        |
| $\vdash$            | 23<br>24 |             |          | _        | <u> </u> | <b> </b>     | ├—       | ├-       | <u> </u> | $\vdash$   | ł     |          | 73       | -i       |          |          |    | <u> </u> | -  | <u> </u>      | ╄        |
| $\vdash$            | 25       | H           |          |          | $\vdash$ | ⊢            |          | ┝        | ⊢        | ⊢  | ł     |          | 74       |          |          |          | _  | -        | -  | ├-            | ⊢        |
| $\vdash$            | 26       | -           |          | ┝        | ⊢        | ⊢            | ⊢        | ⊢        | -        |  |       |          | 75<br>76 | Н        |          | $\vdash$ | _  | ┝        | ⊢  | ⊢             | ⊢        |
| <del> </del>        | 27       | Н           |          | $\vdash$ | H        | ⊢            | $\vdash$ | ⊢        | -        | ⊢  | 1     |          | 77       |          |          |          |    | ⊢        | <del> </del>                                     | $\vdash$      | ⊦        |
| -                   | 28       | Н           |          | -        | -        | ┢─           | -        | ⊢        | ⊢        | ├  |       |          | 78       | $\dashv$ |          |          | -  | ⊢        | H  | $\vdash$      | ⊦        |
| -                   | 29       | Н           |          | _        | -        | $\vdash$     | -        | $\vdash$ | -        | ├  |       |          | 79       | $\vdash$ | -        |          |    | -        | ⊢  | ├-            | ⊢        |
|                     | 30       | H           |          |          | _        | -            | -        | -        | ┢        | $\vdash$   | ł     |          | 80       |          | _        |          | -  | _        | ├  | $\vdash$      | ┝        |
| +                   | 31       |             |          | -        | _        |              | ┢        | $\vdash$ | $\vdash$ |  | ł     |          | 81       | $\dashv$ | _        | -        |    |          | -  | ├─            | ⊦        |
| $\vdash$            | 32       | H           |          |          | <u> </u> | <u> </u>     | -        | ┢        | $\vdash$ | ┢  | ľ     |          | 82       | $\vdash$ | $\dashv$ | -        | _  | _        | ├  | ⊢             | ╁╴       |
| <del>     </del>    | 33       | Н           |          |          | $\vdash$ | $\vdash$     | ┢        | -        | -        | Н  | ١.    |          | 83       |          | -        |          | _  | _        | <del>                                     </del> |               | ┢        |
| 1                   | 34       | Н           | _        |          |          | $\vdash$     | -        | -        | -        | $\vdash$   |       |          | 84       |          |          | -        |    | _        | -  | _             | ┢        |
|                     | 35       |             |          |          |          |              |          | _        |          |  |       |          | 85       |          |          |          | _  |          |  |               | t        |
|                     | 36       |             |          |          |          |              |          |          |          |  |       |          | 86       |          |          |          |    |          | Т  |               | H        |
|                     | 37       |             |          |          |          |              |          |          | $\vdash$ |  |       |          | 87       |          | ╗        |          |    | _        |  |               | H        |
|                     | 38       |             |          |          |          |              |          |          |          | Г  |       |          | 88       |          |          |          |    |          |  |               | Г        |
|                     | 39       |             |          |          |          |              |          |          |          |  |       |          | 89       |          |          |          |    |          |  |               | Г        |
|                     | 40       |             |          |          |          |              |          |          |          |  |       |          | 90       |          |          |          |    |          |  | $\overline{}$ | Г        |
|                     | 41       |             |          |          |          |              |          |          |          |  |       |          | 91       | $\neg$   |          |          |    |          |  |               | Г        |
|                     | 42       |             |          |          |          |              |          |          |          |  |       |          | 92       |          |          |          |    |          |  |               | Г        |
|                     | 43       |             |          |          |          |              |          |          |          | Ĺ  |       |          | 93       |          |          |          |    |          |  |               | Γ        |
|                     | 44       |             |          |          |          |              |          | $\Box$   |          | 匚  |       | ]        | 94       |          |          |          |    |          |  |               |          |
|                     | 45       | Ш           |          |          |          |              |          |          |          |  |       |          | 95       |          |          |          |    |          |  |               | Ĺ        |
|                     | 46       |             |          |          |          |              |          |          |          |  |       |          | 96       |          |          |          |    |          |  |               | Ĺ        |
|                     | 47       | Щ           | $\Box$   |          |          | Ш            | L        | Ш        |          |  |       |          | 97       |          |          |          |    |          |  |               |          |
|                     | 48       | $\square$   | _        |          |          | Ш            | Щ        | Ш        |          |  |       |          | 98       | $\bot$   | _        |          | _  |          | $\Box$   | _             | L        |
| $\vdash \downarrow$ | 49       |             | _        | _        |          |              |          | Ш        |          | L.,  |       |          | 99       | _        | _        | _        |    |          | <u> </u>   |               | L        |
| $\Box$              | 50       |             |          |          |          |              | لـــا    |          |          | L.   |       |          | 100      |          | l        |          |    | لــــ    |  |               | <u> </u> |

|   |       |                | ⊢ |   | ,          | <del>, '</del> | 701          | <u>~</u> _ | ,            | -        |          |
|---|-------|----------------|---|---|------------|----------------|--------------|------------|--------------|----------|----------|
|   | Final | Original       |   |   |            |                |              |            |              |          |          |
|   |       | 51<br>52       |   |   |            |                |              |            |              | _        | П        |
|   |       | 52             |   | Г |            | İ              |              | П          | †  –         |          | Г        |
|   |       | 53             |   |   | 1          | Ì.             | 1            | Т          |              |          | 一        |
|   |       | 53<br>54<br>55 |   | _ | ✝          |                |              |            |              |          | T        |
|   |       | 55             |   |   | 一          | T              | T            | ┢          | $\vdash$     | $\vdash$ |          |
|   |       | 56             |   | _ | t          | H              | 1-           | $\vdash$   | $\vdash$     | -        | $\vdash$ |
|   |       | 56<br>57       |   |   |            | H              | ┢            | ╁          |              | ┢        | $\vdash$ |
|   |       | 58             |   | - | ╁          | H              | ┢            | ╁          | -            | ┢╾       | $\vdash$ |
|   |       | 59             |   |   | -          |                | H            | $\vdash$   | $\vdash$     | $\vdash$ | $\vdash$ |
|   |       | 59<br>60       | _ |   |            | $\vdash$       | ├─           | ╁          | _            | -        |          |
|   |       | 61             |   |   | $\vdash$   |                | $\vdash$     | ┢          | Н            | $\vdash$ |          |
|   |       | 62             | - |   | H          | $\vdash$       | -            | H          | ┝            | -        | H        |
|   |       | 62<br>63       | - | _ |            | -              |              | -          | ┢            |          | $\vdash$ |
|   |       | 64             | _ | _ | ┢          | ┢              | ┢            | -          | $\vdash$     | $\vdash$ | -        |
|   |       | 64<br>65       | _ | _ | ⊢          | ┢╾             | ⊢            | ┝          | ┢─           | ┢        | H        |
|   | -     | 66             |   | — |            | ┢              | H            | -          | -            | -        | H        |
|   |       | 67             | - |   | ├          | ⊢              | ┢            | $\vdash$   | $\vdash$     | -        | Н        |
|   |       | 68             | - | _ | ⊢          | ⊢              | ⊢            | ⊢          | $\vdash$     | -        | -        |
|   |       | 69             | - | _ | ├          | ⊢              | $\vdash$     | -          | $\vdash$     | -        | H        |
|   |       | 70             | _ |   | ⊢          | ⊢              | ├-           | ⊢          | $\vdash$     |          | H        |
|   |       | 70<br>71       |   | _ | $\vdash$   | ⊢              | ⊢            | -          | ⊢            | ┝        | $\vdash$ |
|   |       | 71             |   |   | -          | ⊢              | ┝            | -          | -            | ⊢        | $\vdash$ |
| - |       | 72             |   |   |            | ⊢              | -            | ⊢          | ⊢            |          | Н        |
|   |       | 72<br>73<br>74 |   |   | _          | _              | _            | -          | <del> </del> | <u> </u> |          |
|   |       | 74             |   |   | ⊢          | ⊢              | <u> </u>     | _          | <u> </u>     | ├        | Н        |
| . |       | 75             | _ |   | ⊢          | ⊢              | ⊢            | -          | _            | <u> </u> | Ш        |
| 1 |       | 76<br>77       |   |   | _          | -              | ⊢            |            | _            |          | Н        |
| 1 |       | 77             | _ |   |            | <u> </u>       | ├            | _          | <u> </u>     | _        | H        |
|   |       | 78<br>79       |   |   |            | -              | -            | _          | <u> </u>     | Щ        | _        |
| ١ |       | 79             |   |   |            |                | _            | <u> </u>   |              | _        | Щ        |
|   |       | 80             |   |   |            | <u> </u>       |              | ļ          | _            | L        | Ш        |
|   |       | 81<br>82       |   |   | _          | <u> </u>       | <u> </u>     | <u> </u>   | _            | _        | Ш        |
|   |       | 82             |   |   |            | Ь.             | L            | <u> </u>   |              |          | Ш        |
|   |       | 83             |   |   | _          | L              |              | _          |              |          | Ш        |
| ı |       | 84             | _ |   | <u> </u>   | <u> </u>       | _            | <u> </u>   | <u> </u>     |          |          |
| ŀ |       | 85             |   |   | _          | <u> </u>       |              | L          |              |          | Ш        |
| ١ |       | 86             | _ |   | <u> </u>   | <u> </u>       |              | L          | _            |          | Щ        |
|   |       | 87             |   |   |            | _              | <u> </u>     | _          | _            |          |          |
|   |       | 88             | _ |   | L          | Ш              | L.           | L.         |              |          |          |
| - |       | 89             |   |   |            |                | _            | <u> </u>   |              |          | Ш        |
| ļ |       | 90             | _ |   | _          |                |              |            |              |          | Ш        |
| ļ |       | 91             |   |   | Ь.         | <u> </u>       | _            | Щ          | <u> </u>     | Щ        |          |
| ļ |       | 92             |   |   | L          | L.             | Щ,           | Щ.         |              |          | Ш        |
| ļ |       | 93             |   |   | <u> </u>   | L.             | L_           | <u> </u>   | _            | Щ        | Ш        |
| ļ |       | 94             |   |   | lacksquare | Щ              | <u> </u>     | <u> </u>   |              |          | Ш        |
| ļ |       | 95             | _ |   |            |                |              |            |              | $\Box$   | Щ        |
| ļ |       | 96             | _ |   |            |                | $oxed{oxed}$ |            |              |          | Ш        |
|   |       | 97             |   |   | Ш          |                | Ш            |            |              |          |          |
| 1 |       | 98             | ᆚ |   |            |                |              |            |              |          |          |
| 1 |       | 99             |   |   |            |                |              |            |              |          |          |
| ĺ |       | 100            | ı | Ì |            |                |              |            |              | 1        | . 1      |

| Cl          | Γ                 | _            |  | -  | Dat          | <u>—</u>   |  |              |  |                 |
|-------------|-------------------|--------------|--|--|--------------|--|--|--------------|--|-----------------|
|             |                   | $I^-$        | Г  | T  | T            | Ī  | Ĺ  | Τ            | Ι  | Г               |
| ₩.          | Original          | İ            | f  |  | 1            | l  | l  |              |  |                 |
| Finat       | rigi              |              | i  | l  |              |  |  |              | l  |                 |
| -           | 0                 |              |  | 1  |              |  |  |              |  |                 |
|             | 101               | ┢            | H  | ┢  | ┢            | ╁╾   | ╁  | -            | ╁  | $\vdash$        |
| $\vdash$    | 102               | ┝            | H  | ┢┈   | ┢╾           | ╁  | ╁╌   | ┢            | ┢  | Н               |
| <u> </u>    | 103               | <del> </del> | ┢  | H  | -            | ╁  | ╁  | ╁            | ┢  | -               |
|             | 103<br>104<br>105 | -            | $\vdash$   | <del> </del>                                     | -            | t  | $\vdash$   | ╁╌           | ┢  | Н               |
|             | 105               | -            | -  | ╁  | $\vdash$     | -  | $\vdash$   | ┢╌           | ┢  | H               |
|             | 106               | <u> </u>     | ┢╌   | ├-   |              | ┢  | ╁  | ┢╌           | ╁  | Н               |
| <del></del> | 106<br>107        | -            | ┢  | $\vdash$   | $\vdash$     | <del>  -</del>                                   | ┢  | $\vdash$     | ╁╌   | Н               |
|             | 108               | _            |  | _  | Н            | H  | H  | ┪            | <del>                                     </del> | Н               |
|             | 109               | _            | -  | <del>                                     </del> |              | <del>                                     </del> | t  | ┢╌           | İΤ   | H               |
|             | 110               | -            | $\vdash$   | ┢  | $\vdash$     | $\vdash$   | ┢  | $\vdash$     | H  |                 |
|             | 111               | H            | H  | H  | $\vdash$     | $\vdash$   | H  | ┢            | $\vdash$   | Н               |
| $\vdash$    | 112               | Ι            | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$   | 1  | $\vdash$     | $\vdash$   | H               |
|             | 113               | $\vdash$     | _  | $\vdash$   | $\vdash$     | $\vdash$   | <del>                                     </del> | Н            | <del>                                     </del> | H               |
|             | 114               | -            | -  | $\vdash$   | $\vdash$     |  |  | <del> </del> | $\vdash$   | Н               |
|             | 114<br>115        |              | Г  | <u> </u>   | $\vdash$     |  | <del>                                     </del> | $\vdash$     | $\vdash$   | Н               |
|             | 116               |              | <del>                                     </del> | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$     | t-   | H               |
|             | 117               | ٠            | 1  | $\vdash$   | $\vdash$     | <del>                                     </del> |  | $\vdash$     | <del>                                     </del> | $\vdash$        |
|             | 118               |              | -  | $\vdash$   |              |  | t  | $\vdash$     | ╁  | Н               |
|             | 119               | -            | ┝  | H  | $\vdash$     | ├  | $\vdash$   | $\vdash$     | H  | Н               |
|             | 120               | _            | <del> </del>                                     | $\vdash$   | ┢            |  | -  | -            | $\vdash$   | Н               |
|             | 120<br>121        | -            | -  | -  | ┝            | ┢  |  | -            | ┢  | Н               |
|             | 122               | $\vdash$     | ┢╾   | ┢─   | $\vdash$     | H  | $\vdash$   | ┢            | ├  | Н               |
|             | 123               |              | ┢  | ⊢  | ┝            | ⊢  | $\vdash$   | ╁─           | ┢  |                 |
|             | 122<br>123<br>124 | -            | ├  | -  | $\vdash$     | $\vdash$   |  | ├            |  | Н               |
|             | 125               |              | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$   | ┢╾           | $\vdash$   | Н               |
|             | 125<br>126<br>127 | —            | -  | -  | ┝            |  | $\vdash$   | -            | -  | Н               |
|             | 127               | _            | <u> </u>   | $\vdash$   | $\vdash$     | <del>                                     </del> |  | -            | -  | $\vdash$        |
|             | 128               |              | ┢  | $\vdash$   | ⊢            | ┢  | ├  | $\vdash$     | $\vdash$   | $\vdash$        |
|             | 120               |              | -  | ┢┈   | ├            | ├─   | ┝  | -            | -  | Н               |
|             | 128<br>129<br>130 |              | ┝  | ┢  | $\vdash$     | ⊢  | ├  | -            | -  | -               |
|             | 130               | -            |  | -  | <u> </u>     | $\vdash$   | $\vdash$   | ⊢            | -  | $\dashv$        |
|             | 131<br>132        |              | ├─   | $\vdash$   | <del> </del> | $\vdash$   | ├  | ├            | $\vdash$   | Н               |
|             | 133               |              | $\vdash$   | $\vdash$   | <u> </u>     | $\vdash$   |  | ├—           | $\vdash$   | Н               |
|             | 134               |              | $\vdash$   | -  | <del> </del> | -  | <del> </del>                                     | ├-           | $\vdash$   | $\vdash\vdash$  |
|             | 135               |              | -  |  | -            | ├-   | -  | $\vdash$     | -  |                 |
|             | 136               | -            | $\vdash$   | $\vdash$   | <u> </u>     | $\vdash$   | $\vdash$   | $\vdash$     |  | $\vdash \vdash$ |
|             | 137               | -            | ⊢  | ├  | -            | -  | $\vdash$   | $\vdash$     | <del> </del>                                     |                 |
|             | 138               | -            | $\vdash$   | $\vdash$   | -            | -  | $\vdash$   |              | -  | $\vdash \vdash$ |
|             | 139               |              | -  | $\vdash$   | $\vdash$     | $\vdash$   |  | ├─           | $\vdash$   | $\vdash$        |
|             | 140               |              | $\vdash$   | $\vdash$   | -            | -  | $\vdash$   | -            | -  | $\dashv$        |
|             | 141               |              |  |  | -            | -  | $\vdash$   | $\vdash$     | $\vdash$   | $\dashv$        |
|             | 142               |              | $\vdash$   | H  |              | $\vdash$   | $\vdash$   | $\vdash$     | -  | $\vdash \dashv$ |
| -           | 143               | _            | $\vdash$   | Н  | -            | $\vdash$   | $\vdash$   | <u> </u>     | $\vdash$   | $\dashv$        |
|             | 144               |              | -  | $\vdash\vdash$                                   |              |  | ┝  | -            | -  | $\dashv$        |
| -+          |                   |              | ш  | Н  | -            | Н  |  | $\vdash$     | <del> </del>                                     | ⊢               |
|             | 145<br>146        | _            | -  | $\vdash\dashv$                                   | -            | Н  |  | $\vdash$     | $\vdash$   | Щ               |
|             |                   |              | -  | $\dashv$   |              | $\vdash$   |  | $\vdash$     | H  | $\dashv$        |
|             | 147               |              | $\vdash$   | Н  | _            | $\vdash\vdash$                                   | <u> </u>   | Н            | $\vdash$   |                 |
|             | 148               |              | $\vdash$   | $\vdash$   | -            | $\vdash$   | _  | Н            | $\vdash$   |                 |
|             | 149               |              | $\vdash$   | -  |              | $\vdash$   |  | Н            | Н  |                 |
|             | 150               |              |  |  |              | Ш  | لـــا  |              | لـــا  |                 |